LIST OF CURRENT CLAIMS

1. (Currently Amended) A method for effecting a secure electronic transaction on a terminal using a portable data carrier arranged to perform different user authentication methods, wherein whereby a user authenticates himself vis-à-vis the portable data carrier performs a user authentication using one of said different user authentication methods, the portable data carrier confirms the proof of authentication to the terminal, and the portable data carrier then performs a security-establishing operation within the electronic transaction, comprising the steps of creating locating via the portable data carrier quality information by the portable data carrier about how the authentication of the user was performed by the used user authentication method done and attaching said quality information is attached to the result of the security-establishing operation.

2. (Previously Presented) The method according to claim 1, wherein the security-establishing operation performed by the portable data carrier comprises creating a digital signature.

3. (Previously Presented) The method according to claim 1, wherein the authentication of the user is performed by presentation of a biometric feature.

4. (Previously Presented) The method according to claim 3, wherein the authentication of the user is performed by presentation of a physiological or behavior-based feature characteristic of a user.

5. (Previously Presented) The method according to claim 1, wherein the authentication of the user is performed by proof of knowledge of a secret.

6. (Previously Presented) The method according to claim 1, wherein at least two different authentication methods of different quality are offered for authentication of the user.

7. (Previously Presented) The method according to claim 6, wherein the particular authentication methods not used are disabled.

4

8. (Previously Presented) The method according to claim 6, wherein no quality information is produced for an authentication method.

9. (Previously Presented) The method according to claim 1, wherein a user is asked to select an authentication method.

10. (Currently Amended) A portable data carrier for performing a security-establishing operation within a secure electronic transaction and arranged to perform different user authentication methods, whereby a user authenticates himself vis-à-vis the portable data carrier is arranged to perform a user authentication using one of said implemented user authentication methods and the portable data carrier is arranged to confirm confirms the authentication to a terminal, and wherein comprising setting up the data carrier is arranged to create quality information stating how the authentication of the user was performed by the used user authentication method.

11. (Previously Presented) The data carrier according to claim 10, wherein the portable data carrier is set up to create a digital signature.

12. (Previously Presented) The data carrier according to claim 10, wherein the data carrier supports at least two qualitatively different authentication methods.

13. (Previously Presented) A terminal for use in connection with a portable data carrier according to claim 9, said terminal including a device arranged to cause a user to select one of at least two possible authentication methods.

14. (Currently Amended) A system for effecting a secure electronic transaction within which the quality of authentication of a user vis-à-vis of the system is ascertained, comprising a portable data carrier according to claim 10 and a terminal according to claim 13.